Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 14 Apr 2023 until 23:59 on Saturday 15 Apr 2023

Forecast Issued on Thursday 13 Apr 2023 at 17:45

Confidence: High for an unsettled spell on Friday and then a transition to more settled and milder weather through the weekend and into next week.

Headline for Friday 14 Apr 2023: Scattered, occasionally heavy and thundery showers mixed with sunny spells.

Mountain weather hazards on Friday 14 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain showers	Light rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
00%	10%	10%	30%	40%	60%	60%	00%

Forecast for Friday 14 Apr 2023

Weather: Dry and frosty through the early hours with patchy cloud and some clearer spells. Cloud then bubbling up through the morning, with some scattered showers developing. These becoming more widespread, perhaps merging into longer spells of rain. Heavy and slow moving at times into the early afternoon, possibly thundery with a risk of hail. Some brief wintriness is possible in the heaviest showers above 600m. Showers dying out through the evening leaving a chilly evening, with light winds.

Chance of cloud-free hill tops above 600m: 80%, becoming 40% through the day and then back to 80% in the evening.

Low Cloud and visibility: Some patches across the highest tops around 600-700m. As the showers develop bases are likely to fall to around 400-500m, with some patches possible down to 300m below the main bases. Improving through the evening with most bases above the tops by dawn. Generally moderate or good visibility at first, but becoming poor or very poor in the mix of low cloud and heavy rain through the day. Improving again in the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 14 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 SW	12/17 S	8/11 S	8/11 S	7/11 SE	7/9 W	6/8 SE	4/6 E	4/8 E
300	6/15 SW	7/14 S	3/8 S	4/8 S	4/7 W	8/13 W	4/7 N	3/6 NE	3/6 N
Valley	3/13 SW	4/13 S	3/6 E	3/5 E	5/8 NW	4/8 NW	3/6 W	3/6 NE	2/4 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	1/-3	1/-2	2/-1	3/-0	4/1	3/1	2/0	2/-0
300	4/2	3/0	3/2	6/4	6/5	7/5	6/5	4/2	2/0
Valley	5/4	5/3	4/3	6/6	8/7	8/7	7/6	4/3	2/1
Freezing Level*	900m	900m	800m	800m	800m	900m	900m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The weather is likely to change rapidly through the day with a risk of hail, thunder and strong gusts from the heaviest showers through the day. The heavy rain cloud lead to chill effect and wet ground could become slippery. Watercourses could also rise quickly and unexpectedly.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 13 Apr 2023	15.4mm	29mm	34.2mm

Forecast for Saturday 15 Apr 2023

Weather: A dry start for most, but some patchy rain and drizzle, along with low cloud could affect eastern hills at first. Cloud persisting for eastern hills into the morning, but brighter in the west with some good spells of sunshine and light winds. Cloud lifting and breaking, even for eastern parts through the afternoon, leaving a fine and dry evening. Some mist or valley fog possibly developing towards midnight.

Maximum wind: East or southeast 5-10mph.

Chance of cloud-free hill tops above 600m: 90%, but 30% in the east through the morning.

Low Cloud and visibility: Patches down to 400-500m at first in the east, but above the summits elsewhere.

Temperature: **Valleys:** Plus 3 Celsius becoming plus 12 Celsius.
At 600m: Plus 1 Celsius becoming plus 7 Celsius.
Freezing level: Above the summits.

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